

## DAILY FIELD ACTIVITY REPORT

**PROJECT NAME:** Pre-Remedial Design Investigation and Baseline Sampling, Portland Harbor Superfund Site

<b>DATE:</b> June 26, 2018	<b>WEATHER:</b> Sunny, High ~70 degrees F
<b>Personnel and Visitors Onsite:</b> Research vessel Cayuse – <u>CDM Smith</u> : Julee Trump; <u>AECOM</u> : Michaela McCoog; <u>Geosyntec</u> : Joe Orro; <u>Gravity Marine</u> : John Schaefer, Maggie McKeon	
<b>Planned Activity:</b> <ul style="list-style-type: none"><li>Collect surface sediment sample at stratified random location SG-B420 and perform reconnaissance up river at boring locations and d/u reach surface grab locations to check for accessibility issues.</li></ul>	
<b>Activity Completed:</b> <p>A tailgate safety meeting was led by AECOM. Topics discussed during the safety meeting included daily activities, fatigue, hydration, and communication.</p> <p>Julee Trump performed oversight of surface sediment sampling and sample location reconnaissance from 08:00 to 16:30 on board the Cayuse. Specific activities completed by the AECOM/Geosyntec team, with vessel support from Gravity Marine, are as follows:</p> <ul style="list-style-type: none"><li>Position check at PH-2 indicated that the vessel GPS was reading within 1.1 meters of the PH-2 survey coordinates, meeting the 1-2 m accuracy specification in the FSP.</li><li>3-point composite surface sediment sample was attempted near RM 11.7 (middle of channel) as summarized below. Activities included decontamination of sampling equipment using Alconox and deionized/distilled water and housekeeping of the sampling area.</li><li>Visited boring and D/U surface grab locations between RM 8 and 16.5 to check for and document obstructions and potential accessibility and sample feasibility issues that may arise during sampling.</li></ul>	
<b>Status of Schedule &amp; Priority Work:</b> <ul style="list-style-type: none"><li>No work is currently planned for tomorrow. However, two additional samples may be attempted if the access agreement is finalized. If samples are collected additional reconnaissance may be performed.</li><li>Planned work for the remainder of the week is dependent on access agreement completion and approval of work plans. A few other surface sediment locations remain to be sampled where access agreement issues have not been resolved. Sampling on private property locations will continue at locations with property access agreements.</li></ul>	
<b>Issues/Concerns/Resolutions (include work performed that was not planned or anticipated):</b> <p>Sampling at SG-B420 Alternate 2 location was attempted. Gravel and cobbles stuck in the jaws causing sediment to washout of the jaws in 5 of 6 grabs. The final 6th grab contained a craw fish and about 2 cm of sediment. No sample was collected.</p> <p>Sediment reconnaissance indicated that the following D/U reach sediment grab locations were found to be inaccessible in the 25-ft radius and partially accessible within the 50 ft radius due to structures, barges and/or proximity to the shoreline: SG-B447, and SG-B430 (edge of 25 ft radius accessible, riprap on shore)</p> <p>Sediment reconnaissance indicated that the following sediment coring locations may be problematic:</p> <ul style="list-style-type: none"><li>SG-B438 and SG-B437 are near and may conflict with utility crossings. Additional utility information is planned to be requested.</li><li>SG-B436 is located just in front of an outfall and between two electrical cable crossing signs. The signage seems to clearly indicate that the sample location conflicts with the utility lines. An alternate location will likely be proposed.</li></ul> <p>Sediment reconnaissance indicated that the following sediment coring locations may be problematic (all locations are in Swan Island Lagoon):</p> <ul style="list-style-type: none"><li>SC-S198 target location was within 10-13 FT from a fish tracking array, but AECOM/Gravity indicated that coring in the 50 FT radius should be acceptable.</li><li>SC-S185 was in a marked NAVY restricted area and is partially accessible in the 25 FT radius adjacent to a riprap slope. Additional coordination with the NAVY may be required.</li></ul>	

- SC-S172 was near a Coast Guard dock which could block coast guard activities. The Coast Guard previously asked project vessels not to block this area. Additional coordination with the Coast Guard may be required.
- SC-S178 was over half accessible but was within 50 FT of a military vessel (Pacific Tracker) with a 200-FT security perimeter, that is not likely to move. Additional coordination with the NAVY may be required.
- SC-S192 was previously observed to be accessible through movement of booms in a military restricted area around the adjacent dry dock on the Vigor property. Additional coordination may be required for access.

**Samples Collected, Measurements Made, Photographs: (List Locations, Matrix & Sample type):**

No samples were collected. See above for attempted sample.

Photograph(s) of work were taken throughout the day on board the Cayuse, provided to EPA via email, and archived with a description included in the photolog Excel spreadsheet, which are maintained electronically in the ProjectWise project folder.

**Borings Completed (Include total footage drilled for each boring):**

None

**Wastes Generated and How Handled:**

- Sediment and debris from today's sampling activities was rinsed back into the river per the FSP. No sheen was observed today.
- Disposable gloves, paper towels, and other general trash was containerized in a trash bag and removed daily for disposal to a municipal waste management dumpster.

**Health and Safety Issues, Equipment Needs, Staffing:**

None

**Signature:**      Julee Trump

**DATE**      June 26, 2018